REMARKS

This Preliminary Amendment is submitted to improve the form of the specification as originally-filed.

Also filed concurrently herewith is a Letter to the Examiner Requesting Approval of Changes to the Drawings. The identical Letter was filed and approved in the parent application.

It is respectfully requested that this Preliminary Amendment be entered in the abovereferenced application.

If there are any additional fees associated with filing of this Preliminary Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 3-18-04

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FIG.2

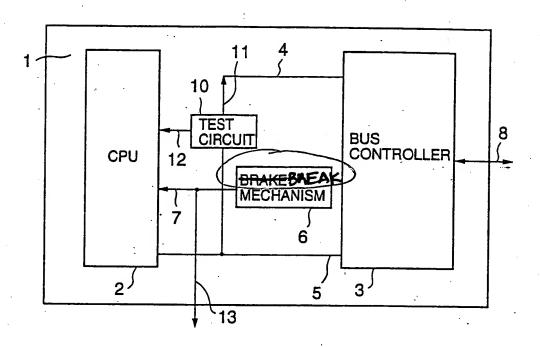


FIG.3 26 21 BREAK BP HOLDING REGISTER 7,13 BRAKE REQUEST GENERATOR 27 22 BP HOLDING REGISTER 25 BP HOLDING REGISTER 24 28 23 CONTROL REGISTER

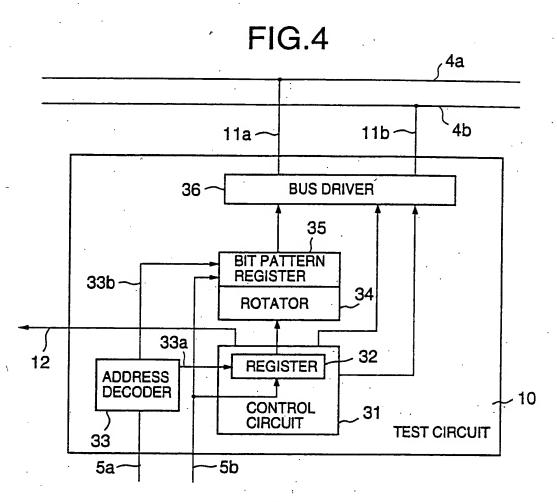
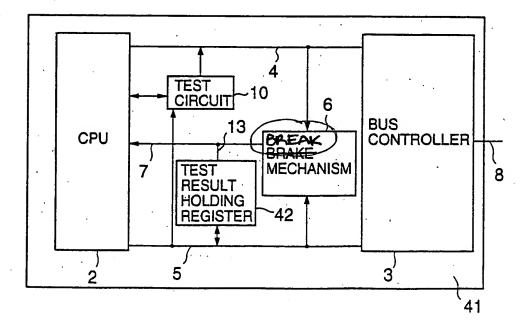


FIG.5



3 1

TEST RESULT HOLDING REGISTER

45

COMPARISON
RESULT
DETERMINATION CIRCUIT

TO INTERNAL DATA BUS

FIG.7

